

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended)

An anti-alias font generator comprising:

a stipple buffer for holding gradation data of an anti-alias font transferred from a CPU to the stipple buffer;

a source color register for setting a font display color; and

a blender operatively connected to said stipple buffer and said source color register for blending a value of said source color register and a destination color value on a frame memory in accordance with a blend coefficient which is the gradation data held in the stipple buffer.

Claim 2. (Original)

An anti-alias font generator as claimed in claim 1, wherein said blender blends the source color register value and the destination color value in accordance with $\alpha \times C_s + (1 - \alpha) \times C_d$ assuming that the anti-alias font bit map gradation data value held in the stipple buffer is α , and the value of said source color register is C_s and the destination color value on said frame memory is C_d .

Claim 3. (Currently Amended)

An anti-alias font generator comprising:

a stipple buffer for holding gradation data of an anti-alias font transferred from a CPU to the stipple buffer;

a foreground color register for setting a font display color;

a background color register for setting a background color; and

a blender operatively connected to said stipple buffer, said foreground color register and said background color register, for blending a font display color of said foreground color register and the background color of said background color register in accordance with a blend coefficient which is the gradation data held in the stipple buffer.

Claim 4. (Original)

An anti-alias font generator as claimed in claim 3, wherein said blender blends the source color register value and the destination color value in accordance with $\alpha \times C_f + (1 - \alpha) \times C_b$ assuming that the anti-alias font bit map gradation data value held in said stipple buffer is α , the value of said foreground color register is C_f and the value of the background register is C_b .

Claim 5. (Currently Amended)

An anti-alias font generator, comprising:

a stipple buffer for holding gradation data of an anti-alias font;

a plurality of display color registers for setting a display color on the basis of the gradation value of said anti-alias font; and

a stipple color selector operatively connected to said stipple buffer and said plurality of display color registers for selecting a value of said plurality of display color registers in accordance with said gradation data held in the stipple buffer.

Claim 6. (Original)

An anti-alias font generator as claimed in claim 5, wherein said plurality of display color registers are structured by a first foreground color register, a second foreground color register, a third foreground color register and a background color register, and said stipple color selector selects a display color from said first foreground color register if the anti-alias font bit map gradation data is first gradation data, a display color from said second foreground color register if the anti-alias font bit map gradation data is second gradation data, a display color from said third foreground color register if the anti-alias font bit map gradation data is third gradation data, and a display color from said background color register if the anti-alias font bit map gradation data is fourth gradation data, in accordance with the anti-alias font bit map gradation data in said stipple buffer.

Claim 7. (Previously Presented)

The anti-alias font generator of claim 1, wherein the blender loads the blend coefficient from the stipple buffer.

Claim 8. (Previously Presented)

The anti-alias font generator of claim 3, wherein the blender loads the blend coefficient from the stipple buffer.

Claim 9. (Previously Presented)

The anti-alias font generator of claim 1, wherein the anti-alias generator is a hardware accelerator.

Claim 10. (Previously Presented)

The anti-alias font generator of claim 12, wherein the hardware accelerator is coupled to the CPU to receive the gradation data.

Claim 11. (Previously Presented)

The anti-alias font generator of claim 3, wherein the anti-alias generator is a hardware accelerator.

Claim 12. (Previously Presented)

The anti-alias font generator of claim 5, wherein the anti-alias generator is a hardware accelerator.